



200 West Mercer St. □ Suite 401 □ Seattle, WA 98119  
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January 20, 2016

de maximis, inc.  
Willard Potter  
186 Center Street Suite 290  
Clinton, New Jersey 08809

Dear Willard,  
Please find our invoice #1215 for Professional Time Rendered from December 1, 2015 to December 31, 2015 for The Passaic RI/FS project.

Task	Amount
Task 26 CPG Strategic Support	1,090.77
Task 50.2 BERA cmt rsp mgts	3,450.50
Task 51 BERA RTC	10,886.59
Task 54 Revised BERA - initial tasks	7,739.42
Task 55 BERA Data and Toxicity Evaluation	14,255.72
	<u>\$ 37,423.00</u>



200 West Mercer Street  
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Seattle, WA 98119  
tel: (206) 378-1364/fax: (206) 973-3048

## Task 26 CPG Strategic Support

Invoice Date: 12/31/2015

Invoice Number: 14018

### Bill To

de maximis, inc.  
Willard Potter  
186 Center Street Suite 290  
Clinton, New Jersey 08809

Description	Units	Rate	Amount
LABOR from December 1, 2015 to December 31, 2015			
Lisa Saban	6	176.50	1,059.00
Markup 3%		3.00%	31.77
Total Labor			1,090.77
Total			\$1,090.77



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Task 50.2 BERA cmt rsp mgts

Invoice Date: 12/31/2015

Invoice Number: 14019

Bill To

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Willard Potter  
186 Center Street Suite 290  
Clinton, New Jersey 08809

Description	Units	Rate	Amount
LABOR from December 1, 2015 to December 31, 2015			
Brian Church	3	121.00	363.00
Lisa Saban	8	176.50	1,412.00
Mike Johns	4	187.50	750.00
Shannon Katka	4	165.00	660.00
Karen Tobiason	1	165.00	165.00
Subtotal			3,350.00
Markup 3%		3.00%	100.50
Total Labor			3,450.50

**Total** \$3,450.50



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Task 51 BERA RTC

Invoice Date: 12/31/2015

Invoice Number: 14022

Bill To

de maximis, inc.  
Willard Potter  
186 Center Street Suite 290  
Clinton, New Jersey 08809

Description	Units	Rate	Amount
LABOR from December 1, 2015 to December 31, 2015			
Berit Bergquist	9.5	165.00	1,567.50
Brian Church	9	121.00	1,089.00
Karen Tobiason	4.75	165.00	783.75
Lisa Saban	14	176.50	2,471.00
Mike Johns	16	187.50	3,000.00
Shannon Katka	6.75	165.00	1,113.75
Siobhan Sloan-Evans	4.5	121.00	544.50
Subtotal			10,569.50
Markup 3%		3.00%	317.09
Total Labor			10,886.59

**Total**

**\$10,886.59**

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## Task 54 Revised BERA - initial tasks

Invoice Date: 12/31/2015

Invoice Number: 14020

Bill To

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Willard Potter  
186 Center Street Suite 290  
Clinton, New Jersey 08809

Description	Units	Rate	Amount
LABOR from December 1, 2015 to December 31, 2015			
Kim Goffman	11.5	140.00	1,610.00
Shannon Katka	15	165.00	2,475.00
Lisa Saban	16	176.50	2,824.00
Siobhan Sloan-Evans	5	121.00	605.00
Subtotal			7,514.00
Markup 3%		3.00%	225.42
Total Labor			7,739.42
Total			\$7,739.42



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## Task 55 BERA Data and Toxicity Evaluation

Invoice Date: 12/31/2015

Invoice Number: 14021

### Bill To

de maximis, inc.  
Willard Potter  
186 Center Street Suite 290  
Clinton, New Jersey 08809

Description	Units	Rate	Amount
LABOR from December 1, 2015 to December 31, 2015			
Jenna Rheuben	14.25	121.00	1,724.25
Suzanne Replinger	20	165.00	3,300.00
Lisa Saban	16	176.50	2,824.00
Shannon Katka	10.25	165.00	1,691.25
Karen Tobiason	0.75	165.00	123.75
Brian Church	2.75	121.00	332.75
Matt Luxon	7.5	165.00	1,237.50
Siobhan Sloan-Evans	19.5	121.00	2,359.50
David DeForest	1.5	165.00	247.50
Subtotal			13,840.50
Markup 3%		3.00%	415.22
Total Labor			14,255.72

**Total**

**\$14,255.72**

# Passaic Labor Report

## Task 26 CPG Strategic Support

### Lisa Saban

Date	Hours	Rate	Extended	Notes
12/4/2015	2.00	176.50	\$353.00	planning discussions and task review
12/7/2015	4.00	176.50	\$706.00	passaic tasks and budgets
Summary for Lisa Saban				
	6.00		\$1,059.00	
Summary for Task 26 CPG Strategic Support				
	6.00		\$1,059.00	

## Task 50.2 BERA cmt rsp mgts

### Brian Church

Date	Hours	Rate	Extended	Notes
12/1/2015	3.00	121.00	\$363.00	HRF seminar and summarizing for Lisa
Summary for Brian Church				
	3.00		\$363.00	

### Karen Tobiason

Date	Hours	Rate	Extended	Notes
12/28/2015	0.75	165.00	\$123.75	Work on benthic slides for presentation
12/29/2015	0.25	165.00	\$41.25	Work on benthic slides for January TC meeting.
Summary for Karen Tobiason				
	1.00		\$165.00	

### Lisa Saban

Date	Hours	Rate	Extended	Notes
12/9/2015	6.00	176.50	\$1,059.00	prepare for and attend TC mgt by phone.
12/30/2015	2.00	176.50	\$353.00	presentation development for tc

## Summary for Lisa Saban

8.00

\$1,412.00

**Mike Johns**

Date	Hours	Rate	Extended	Notes
12/28/2015	4.00	187.50	\$750.00	Working on TC presentation on BERA comments
Summary for Mike Johns		4.00	\$750.00	

**Shannon Katka**

Date	Hours	Rate	Extended	Notes
12/28/2015	1.50	165.00	\$247.50	begin drafting slides for TC presentation regarding EPA comment responses to BERA
12/30/2015	2.50	165.00	\$412.50	work on draft slides for TC presentation regarding EPA comment responses to BERA
Summary for Shannon Katka		4.00	\$660.00	

**Summary for Task 50.2 BERA cmt rsp mgts****20.00****\$3,350.00****Task 51 BERA RTC****Berit Bergquist**

Date	Hours	Rate	Extended	Notes
12/28/2015	1.50	165.00	\$247.50	review comments for bird TRV related comments; start looking at implications on bird HQs
12/29/2015	5.00	165.00	\$825.00	evaluate implications of revising bird TRVs based on EPA comments (PCBs and TEQs)
12/30/2015	3.00	165.00	\$495.00	discuss RTC with Shannon and Lisa; talk to David about status of fish tissue TRVs for use in SLERA
Summary for Berit Bergquist		9.50	\$1,567.50	

**Brian Church**

Date	Hours	Rate	Extended	Notes
12/28/2015	3.00	121.00	\$363.00	reviewing comments from EPA related to sections 2 and 6; reviewing available analyses related to directed changes; internal emails and discussion
12/30/2015	6.00	121.00	\$726.00	Reviewing comments; discussing with Karen; evaluating UPR reference stations (new); writing up notes on multivariate and SQT approaches; researching potential approaches for multivariate



Summary for Brian Church  
9.00

\$1,089.00

### Karen Tobiason

Date	Hours	Rate	Extended	Notes
12/23/2015	1.50	165.00	\$247.50	Work on review of EPA comments on Sections 2 and 6 of BERA, summarize, discuss with Lisa.
12/28/2015	1.50	165.00	\$247.50	Go through SQT process provided by EPA to assess implications to risk assessment.
12/29/2015	1.75	165.00	\$288.75	Work on benthic analysis plan, make flow chart for following EPA's methodology, work to understand implications

Summary for Karen Tobiason  
4.75

\$783.75

### Lisa Saban

Date	Hours	Rate	Extended	Notes
12/23/2015	4.00	176.50	\$706.00	review initial documents and discuss with rob of EPA cmts on BERA RTC.
12/27/2015	4.00	176.50	\$706.00	review and summarize main points from EPA response to BERA RTC.
12/28/2015	2.00	176.50	\$353.00	epa cmt review and discussion
12/29/2015	2.00	176.50	\$353.00	epa cmt review
12/30/2015	2.00	176.50	\$353.00	cmt evaluation

Summary for Lisa Saban

14.00

\$2,471.00

### Mike Johns

Date	Hours	Rate	Extended	Notes
12/22/2015	8.00	187.50	\$1,500.00	Review of BERA responses from EPA
12/29/2015	4.00	187.50	\$750.00	BERA comments
12/30/2015	4.00	187.50	\$750.00	BERA comments

Summary for Mike Johns

16.00

\$3,000.00

### Shannon Katka

Date	Hours	Rate	Extended	Notes
12/28/2015	4.50	165.00	\$742.50	review of EPA response to CPG RTC on BERA comments
12/30/2015	2.25	165.00	\$371.25	work with Siobhan on addressing water TRV comments and meet with Berit on implementing changes to document and calculations based on wildlife TRVs

Summary for Shannon Katka

6.75

\$1,113.75

**Siobhan Sloan-Evans**

Date	Hours	Rate	Extended	Notes
12/28/2015	1.00	121.00	\$121.00	initial review of EPA's comments ofn TRVs and surface water (support to Lisa Saban)
12/29/2015	2.50	121.00	\$302.50	review of EPA's comments ofn TRVs and surface water (support to Lisa Saban)
12/30/2015	0.25	121.00	\$30.25	review of EPA's comments ofn TRVs and surface water (support to Lisa Saban)
12/30/2015	0.75	121.00	\$90.75	meeting with Shannon K. on SLERA updates re: EPA's RTC
Summary for Siobhan Sloan-Evans		4.50	\$544.50	
<b>Summary for Task 51 BERA RTC</b>		<b>64.50</b>	<b>\$10,569.50</b>	

**Task 54 Revised BERA - initial tasks****Kim Goffman**

Date	Hours	Rate	Extended	Notes
12/1/2015	2.00	140.00	\$280.00	Continue revisions to SLERA data appendix.
12/2/2015	2.00	140.00	\$280.00	Continue revisions to SLERA data appendix.
12/10/2015	1.00	140.00	\$140.00	Respond to tissue data request for SLERA.
12/15/2015	6.00	140.00	\$840.00	Update SLERA data appendices.
12/17/2015	0.50	140.00	\$70.00	Revise updated SLERA data appendices.
Summary for Kim Goffman		11.50	\$1,610.00	

**Lisa Saban**

Date	Hours	Rate	Extended	Notes
12/4/2015	2.00	176.50	\$353.00	data eval and review slera
12/7/2015	2.00	176.50	\$353.00	revised slera
12/8/2015	4.00	176.50	\$706.00	revised slera
12/21/2015	6.00	176.50	\$1,059.00	revised slera
12/28/2015	2.00	176.50	\$353.00	slera updates
Summary for Lisa Saban		16.00	\$2,824.00	

**Shannon Katka**

Date	Hours	Rate	Extended	Notes
12/1/2015	0.75	165.00	\$123.75	review of SLERA datasets and assumptions with Kim for preparing data appendix summaries based on revised datasets
12/2/2015	1.00	165.00	\$165.00	prepare table of SLERA datasets for Kim to create data summaries
12/9/2015	3.50	165.00	\$577.50	Review of SLERA per EPA comments and CPGs RTC responses
12/10/2015	2.50	165.00	\$412.50	continue review of SLERA per EPA BERA comments and CPG RTC responses
12/15/2015	1.00	165.00	\$165.00	continue review of the SLERA and revisions to text; check in with Siobhan on outstanding questions/issues for SLERA revisions
12/16/2015	1.50	165.00	\$247.50	continue review/revisions to SLERA- updates to COI list with no TRVs and additional comments
12/16/2015	3.50	165.00	\$577.50	SLERA tasks - work on COI uncertainty and summarize datasets needed for UCLs
12/17/2015	0.50	165.00	\$82.50	discuss with Siobhan implications of additional tox data review needed for surface water TRVs based on use of surrogate TRVs in SLERA
12/30/2015	0.75	165.00	\$123.75	work with Siobhan on addressing SLERA comments
Summary for Shannon Katka				
	15.00		\$2,475.00	

**Siobhan Sloan-Evans**

Date	Hours	Rate	Extended	Notes
12/15/2015	0.50	121.00	\$60.50	SLERA revisions
12/16/2015	2.00	121.00	\$242.00	SLERA revisions
12/17/2015	1.75	121.00	\$211.75	SLERA revisions
12/18/2015	0.75	121.00	\$90.75	SLERA revisions
Summary for Siobhan Sloan-Evans				
	5.00		\$605.00	

**Summary for Task 54 Revised BERA - initial tasks**  
**47.50                      \$7,514.00**

**Task 55 BERA Data and Toxicity Evaluation****Brian Church**

Date	Hours	Rate	Extended	Notes
12/10/2015	2.50	121.00	\$302.50	reviewing RTC to make sure all comments have been addressed; reviewing adult to egg relationships for organics and mercury

12/15/2015	0.25	121.00	\$30.25	coordinating with Shannon on mink HQs
Summary for Brian Church				
	2.75		\$332.75	

### David DeForest

Date	Hours	Rate	Extended	Notes
12/21/2015	1.00	165.00	\$165.00	Compilation of FW Cu and SW Ag TRV information for Siobhan
12/30/2015	0.50	165.00	\$82.50	Response to Siobhan's questions on Cu and Ag TRVs
Summary for David DeForest				
	1.50		\$247.50	

### Jenna Rheuben

Date	Hours	Rate	Extended	Notes
12/1/2015	6.50	121.00	\$786.50	Finish and revise App F: Toxicity profiles (dieldrin, copper, lead)
12/9/2015	3.00	121.00	\$363.00	Review/edit section 2 BERA compare with EPA comments
12/29/2015	4.00	121.00	\$484.00	Appendix D Surface water TRVs: Ecotox queries and data dump for metals, organics, pesticides, and msc. Data management.
12/30/2015	0.75	121.00	\$90.75	Surface water TRVs: Ecotox queries and data dump for Chromium and data management
Summary for Jenna Rheuben				
	14.25		\$1,724.25	

### Karen Tobiason

Date	Hours	Rate	Extended	Notes
12/9/2015	0.75	165.00	\$123.75	Review RTC and Section 4 revisions.
Summary for Karen Tobiason				
	0.75		\$123.75	

### Lisa Saban

Date	Hours	Rate	Extended	Notes
12/8/2015	2.00	176.50	\$353.00	BERA section 2 review
12/10/2015	4.00	176.50	\$706.00	BERA section 2 review
12/17/2015	2.00	176.50	\$353.00	BERA tox review
12/22/2015	6.00	176.50	\$1,059.00	revised bera
12/29/2015	2.00	176.50	\$353.00	bera update
Summary for Lisa Saban				
	16.00		\$2,824.00	

**Matt Luxon**

Date	Hours	Rate	Extended	Notes
12/14/2015	0.50	165.00	\$82.50	Addressing internal questions on responses to comments.
12/30/2015	3.50	165.00	\$577.50	Reviewing chicken dioxin papers; preliminary recalculation of bird egg tissue SSD.
12/31/2015	3.50	165.00	\$577.50	Completed reviewing chicken dioxin papers; finalized recalculation of bird egg tissue SSD.
Summary for Matt Luxon				
	7.50		\$1,237.50	

**Shannon Katka**

Date	Hours	Rate	Extended	Notes
12/9/2015	1.00	165.00	\$165.00	review of bera task 55 tasks
12/10/2015	5.00	165.00	\$825.00	work on fish egg and bird egg calculation revisions per EPA comments/CPG responses; review of BERA tasks a status of completion
12/15/2015	4.25	165.00	\$701.25	finish work on revised fish and bird egg calculations; work on BERA data table for which we need UCLs based on BERA revisions/EPA comments; update TRVs based on revised EPA TRVs from 2014 FFS and BERA comments
Summary for Shannon Katka				
	10.25		\$1,691.25	

**Siobhan Sloan-Evans**

Date	Hours	Rate	Extended	Notes
12/15/2015	0.50	121.00	\$60.50	Appendix D revisions per EPA comments
12/16/2015	5.00	121.00	\$605.00	Appendix D revisions per EPA comments
12/17/2015	3.00	121.00	\$363.00	Appendix D revisions per EPA comments
12/18/2015	3.00	121.00	\$363.00	Appendix D revisions per EPA comments
12/28/2015	6.00	121.00	\$726.00	revisions and updates to Appendix D (surface water TRVs)
12/29/2015	2.00	121.00	\$242.00	coordinating toxicity database update for surface water TRVs/Appendix D
Summary for Siobhan Sloan-Evans				
	19.50		\$2,359.50	

**Suzanne Replinger**

Date	Hours	Rate	Extended	Notes
12/3/2015	2.75	165.00	\$453.75	review of toxicity profiles
12/4/2015	2.50	165.00	\$412.50	review of toxicity profiles

12/8/2015	3.75	165.00	\$618.75	Appendix F revisions per EPA comments
12/9/2015	2.00	165.00	\$330.00	Appendix F revisions per EPA comments
12/10/2015	2.75	165.00	\$453.75	Appendix F revisions per EPA comments
12/11/2015	1.50	165.00	\$247.50	Appendix F revisions per EPA comments
12/14/2015	4.75	165.00	\$783.75	finished toxicity profiles

Summary for Suzanne Replinger

20.00 \$3,300.00

**Summary for Task 55 BERA Data and Toxicity Evaluation**

**92.50 \$13,840.50**

**Summary for Passaic RI**

**230.50 \$36,333.00**